IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Art Unit: 1642 In Re Application of: Beka SOLOMON Examiner: S. Ungar Conf. No. 3910 Application No.: 09/441,140 Washington, D.C. Filed: November 16, 1999 Atty.'s Docket: SOLOMON=14 For: PREVENTION OF PROTEIN AGGREGATION Date: February 23, 2004 THE COMMISSIONER OF PATENTS MAR 0 1 2004 2011 South Clark Place, Mail Stop Crystal Plaza Two, Lobby, Room 1B03 Arlington, VA 22202 Transmitted herewith is a [X] Amendment [X 1st Declaration by Beka Solomon with 7 attached articles; 2nd Declaration by Beka Solomon; 6 additional articles; and Original Letters Patent of USP 5,688,651 in the above-identified application. Small Entity Status: Applicant(s) claim small entity status. See 37 C.F.R. §1.27. No additional fee is required. The fee has been calculated as shown below: SMALL ENTITY OTHER THAN SMALL ENTITY (Col. 3) (Col. 2) (Col. 1) ADDITIONAL **ADDITIONAL** OR RATE RATE HIGHEST NO. PRESENT **CLAIMS** FEE FEE REMAINING **PREVIOUSLY EXTRA** PAID FOR **AFTER EQUALS AMENDMENT** \$ \$ 18 MINUS O 99 TOTAL \$ \$ 86 0 43 26 MINUS INDEP 290 \$ 290 FIRST PRESENTATION OF MULTIPLE DEP. CLAIM 145 \$ OR TOTAL \$ 290 \$ ADDITIONAL FEE TOTAL If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3. If the "Highest Number Previously Paid for" IN THIS SPACE is less than 20, write "20" in this space. If the "Highest Number Previously Paid for" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (total or independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment of the number of claims originally filed. [XX] Conditional Petition for Extension of Time If any extension of time for a response is required, applicant requests that this be considered a petition therefor. [ ] It is hereby petitioned for an extension of time in accordance with 37 CFR 1.136(a). The appropriate fee required by 37 CFR 1.17 is calculated as shown below: Other Than Small Entity Small Entity Response Filed Within Response Filed Within \$ 110.00 First \$ 55.00

First [ ] \$ 210.00 ſ ] Second

\$ 475.00 Third [ ] - \$ 740.00

Fourth 1

Month After Time Period Set

\$ 420.00

\$ 950.00 Third

- \$ 1480.00 Fourth 1

Month After Time Period Set

\_\_\_) already paid for \_\_\_ month(s) extension of time on [ ] Less fees (\$\_\_\_\_

[ ] Please charge my Deposit Account No. 02-4035 in the amount of \$\_

Credit Card Payment Form, PTO-2038, is attached, authorizing payment in the amount of \$ 290.00.

is attached (check no. ). A check in the amount of \$\_ [ ]

The Commissioner is hereby authorized and requested to charge any additional fees which may be required in connection with this application or credit any overpayment to Deposit Account No. 02-4035. This authorization and request is not limited to payment of all fees associated with this communication, including any Extension of Time fee, not covered by check or specific authorization, but is also intended to include all fees for the presentation of extra claims under 37 CFR §1.16 and all patent processing fees under 37 CFR §1.17 throughout the prosecution of the case. This blanket authorization does not include patent issue fees under 37 CFR §1.18.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket: SOLOMON=1R

In re Application of:

Beka SOLOMON

Art Unit: 1647

Appln. No.: 09/441,140

Filed: November 16, 1999

For: PREVENTION OF PROTEIN
AGGREGATION

Atty. Docket: SOLOMON=1R

Conf. No.: 3910

Beka SOLOMON

Art Unit: 1647

Beka SOLOMON

Washington

February 23, 2004

## **AMENDMENT**

MAR 0 1 2004

U.S. Patent and Trademark Office 2011 South Clark Place Customer Window, Mail Stop Amendment Non-Fee Crystal Plaza Two, Lobby, Room 1B03 Arlington, Virginia 22202

Sir:

In response to the Official action of August 22, 2003, please amend as follows:

## IN THE SPECIFICATION

Please amend the paragraph beginning at column 7, line 1, as follows:

In the present invention, the expression vector for use as a therapeutic agent comprises a nucleic acid including at least one sequence which encodes in expressible form an anti-aggregation molecule, which molecule binds to an aggregating protein that is the cause of a disease and which prevents aggregation but does not interfere with bioactivity. In a preferred embodiment the expression vector includes the sequence for a human monoclonal antibody that is an anti- $\beta$ -